

VALIDATED DATA FOR SDGs 94 - 97, and 101

**OF THE
CAMP EDWARDS
IMPACT AREA GROUNDWATER STUDY**

**MASSACHUSETTS MILITARY RESERVATION
CAPE COD, MASSACHUSETTS**

Prepared for

**NATIONAL GUARD BUREAU
ARLINGTON, VIRGINIA**

Prepared by

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May 1999

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Group A, Explosives (8330N)

Group B, Volatiles (OC21V)

QUALIFICATION CODE REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|------------------|---|---|
| H | Holding times were exceeded. | Holding times were exceeded. |
| S | Surrogate recovery was outside QC limits. | The sequence or number of standards used for the calibration was incorrect. |
| C | Calibration %RSD or %D were noncompliant. | Correlation coefficient is <0.995. |
| R | Calibration RRF was <0.05. | %R for calibration is not within control limits. |
| B | Presumed contamination from preparation (method) blank. | Presumed contamination from preparation (method) or calibration blank. |
| L | Not applicable. | Laboratory Control Sample %R were not within control limits. |
| Q | MS/MSD recovery was poor or RPD high. | MS recovery was poor. |
| E | Not applicable. | Duplicates showed poor agreement. |
| I | Internal standard performance was unsatisfactory. | ICP ICS results were unsatisfactory. |
| A | Not applicable. | ICP Serial Dilution %D were not within control limits. |
| M | Tuning (BFB or DFTPP) was noncompliant. | Not applicable. |
| T | Presumed contamination from trip blank. | Not applicable. |
| + | False positive - reported compound was not present. | Not applicable. |
| - | False negative - compound was present but not reported. | Not applicable. |
| F | Presumed contamination from FB or ER. | Presumed contamination from FB or ER. |
| \$ | Reported result or other information was incorrect. | Reported result or other information was incorrect. |
| ? | TIC identity or reported retention time has been changed. | Not applicable. |
| D | The analysis with this flag should not be used because another more technically sound analysis is available. | The analysis with this flag should not be used because another more technically sound analysis is available. |
| P | Instrument performance for pesticides was poor. | Post Digestion Spike recovery was not within control limits. |
| *# | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. | Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found. |

DATA QUALIFIER REFERENCE TABLE

| Qualifier | Organics | Inorganics |
|------------------|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. | The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit |
| J | The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. | The associated value is an estimated quantity. |
| N | The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification." | Not applicable. |
| NJ | The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration. | Not applicable. |
| UJ | The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. | The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise. |
| R | The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified. | The data are unusable. (Note: Analyte may or may not be present). |

DATA OF RESEARCH PROJECT

| Question | Answer | Comments |
|--|--|----------|
| 1. What is the purpose of this research? | The purpose of this research is to determine the effect of the independent variable on the dependent variable. | |
| 2. What are the independent and dependent variables? | The independent variable is the variable that is manipulated by the researcher. The dependent variable is the variable that is measured by the researcher. | |
| 3. What is the research hypothesis? | The research hypothesis is a statement that predicts the outcome of the research. | |
| 4. What are the research objectives? | The research objectives are the specific goals that the researcher wants to achieve. | |
| 5. What are the research methods? | The research methods are the procedures that the researcher uses to collect and analyze data. | |
| 6. What are the research results? | The research results are the findings that the researcher has discovered. | |
| 7. What are the conclusions? | The conclusions are the statements that the researcher makes based on the research results. | |
| 8. What are the implications? | The implications are the statements that the researcher makes about the significance of the research results. | |
| 9. What are the limitations? | The limitations are the statements that the researcher makes about the weaknesses of the research. | |
| 10. What are the suggestions for future research? | The suggestions for future research are the statements that the researcher makes about the areas that need further study. | |

VALIDATED MMR LABORATORY DATA
GROUP A, EXPLOSIVES RESULTS 1999

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| LOCID | 90MW0003 | 90MW0034 | FIELDQC | | | | FIELDQC | | | | | |
|----------------|-----------------------------|---------------|---------------|-----------|-------------------|---------------|---------------|-----------|-------------------|---------------|---------------|-----------|
| LAB_EPA_NO | AA301 | AA306 | AA145 | | | | AA146 | | | | | |
| Date Sampled | 1/19/99 | 1/20/99 | 1/8/99 | | | | 1/8/99 | | | | | |
| Depth | 60-65 | 94-99 | 0-0 | | | | 0-0 | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE |
| 8330N (UG/L) | OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 1,3,5-TRINITROBENZENE | 0.70 | U | | 0.31 | U | U | *8,+ | 0.25 U | U | U | |
| | 1,3-DINITROBENZENE | 0.26 | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | TETRYL | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | NITROBENZENE | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 2,4,6-TRINITROTOLUENE | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | | 26.00 E | U | U | *8,+ | 0.25 U | U | U | |
| | 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 2,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 2,4-DINITROTOLUENE | 0.25 U | U | | 0.68 | U | U | *8,+ | 0.25 U | U | U | |
| | PICRIC ACID | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 2-NITROTOLUENE | 26.00 E | U | | 0.25 U | UJ | U | C | 0.25 U | U | U | |
| | 4-NITROTOLUENE | 0.25 U | U | | 0.25 U | U | U | | 0.25 U | U | U | |
| | 3-NITROTOLUENE | 7.40 | U | | 1.80 | U | U | *8,+ | 0.25 U | U | U | |
| | 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | | 0.50 U | U | U | | 0.50 U | U | U | |
| | 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ | | 0.25 U | UJ | U | C | 0.25 U | U | U | |
| | PENTAERYTHRITOL TETRANIT | 160.00 | U | | 180.00 | U | U | *8,+ | 10.00 U | U | U | |
| | NITROGLYCERIN | 790.00 E | U | | 840.00 E | U | U | *8,+ | 5.00 U | U | U | |

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| LOCID | FIELDQC | FIELDQC | FIELDQC | FIELDQC | FIELDQC |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
| LAB_EPA_NO | AA148 | AA191 | AA200 | AA202 | AA248 |
| Date Sampled | 1/12/99 | 1/12/99 | 1/13/99 | 1/13/99 | 1/14/99 |
| Depth | 0-0 | 0-0 | 0-0 | 0-0 | 0-0 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| 8330N (UG/L) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | | 0.25 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | | 0.25 U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | | 0.25 U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | | 0.25 U | U |
| TETRYL | 0.25 U | U | | 0.25 U | U |
| NITROBENZENE | 0.25 U | U | | 0.25 U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| PICRIC ACID | 0.25 U | U | | 0.25 U | U |
| 2-NITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 4-NITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 3-NITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | | 0.50 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | U | | 0.25 U | U |
| PENTACERYTHRITOL TETRANIT | 10.00 U | U | | 10.00 U | U |
| NITROGLYCERIN | 5.00 U | U | | 5.00 U | U |

Groundwater depths are measured in feet below the water table.

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| LOCID | FIELDQC | FIELDQC | FIELDQC | WL34M1 | | | | | | | | |
|----------------|-----------------------------|----------|----------|-------------------|----------|----------|-------------------|----------|----------|---|----|-------|
| LAB_EPA_NO | AA256 | AA290 | AA291 | AA001 | | | | | | | | |
| Date Sampled | 1/14/99 | 1/19/99 | 1/19/99 | 1/8/99 | | | | | | | | |
| Depth | 0-0 | 0-0 | 0-0 | 131-131 | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | | | |
| 8330N (UG/L) | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | J | *9 |
| | HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | R | D |
| | 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | *8, + |
| | 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | TETRYL | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 2-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | |
| | 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | U | *8, + |
| | 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U | 0.50 U | U | U | U | |
| | 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | UJ | C |
| | PENTAERYTHRITOL TETRANIT | 10.00 U | U | U | 10.00 U | U | U | 10.00 U | U | U | U | |
| | NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | U | *8, + |

Groundwater depths are measured in feet below the water table.

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| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|
| LAB EPA_NO | AA001DL | AA002 | AA003 | AA004 | AA005 |
| Date Sampled | 1/8/99 | 1/8/99 | 1/12/99 | 1/12/99 | 1/12/99 |
| Depth | 131-131 | 141-141 | 151-151 | 156-156 | 161-161 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| 8330N (UG/L) | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.57 D | R D | | | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 29.00 D | | | | |
| 1,3,5-TRINITROBENZENE | 0.50 U | R D | | 0.25 U | U |
| 1,3-DINITROBENZENE | 0.50 U | R D | | 0.25 U | U |
| TETRYL | 0.50 U | R D | | 0.25 U | U |
| NITROBENZENE | 0.50 U | R D | | 0.25 U | U |
| 2,4,6-TRINITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 2,6-DINITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 2,4-DINITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| PICRIC ACID | 0.50 U | R D | | 0.25 U | U |
| 2-NITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 4-NITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 3-NITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 1.00 U | R D | | 0.50 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.50 U | R D | | 0.25 U | U |
| PENTAERYTHRITOL, TETRANIT | 20.00 U | R D | | 10.00 U | U |
| NITROGLYCERIN | 15.00 D | R D | | 5.00 U | U |

Groundwater depths are measured in feet below the water table

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| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 |
|-----------------------------|----------------------|----------------------------|--------------|----------------------|----------------------------|--------------|
| LAB_EPA_NO | AA006 | AA007 | AA008 | AA009 | AA010 | |
| Date_Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | |
| Depth | 166-166 | 171-171 | 177-177 | 191-191 | 201-201 | |
| Method Analyte | ANALYTICAL RESULT | LAB REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | QUAL CODE |
| 8330N (UG/L) | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | | 0.25 U | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | | 0.25 U | U | |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | | 0.40 U | U | *8,+ |
| 1,3-DINITROBENZENE | 0.25 U | U | | 0.25 U | U | |
| TETRYL | 0.25 U | U | | 0.25 U | U | |
| NITROBENZENE | 0.25 U | U | | 0.25 U | U | |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 2,6-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 2,4-DINITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| PICRIC ACID | 0.81 | U | *8,+ | 0.25 U | U | *8,+ |
| 2-NITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 4-NITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 3-NITROTOLUENE | 0.25 U | U | | 0.25 U | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | | 0.50 U | U | |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ | C | 0.25 U | UJ | C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | | 10.00 U | U | |
| NITROGLYCERIN | 5.00 U | U | | 58.00 | U | *8,+ |

Groundwater depths are measured in feet below the water table.

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GROUP A, EXPLOSIVES RESULTS 1999

| LOCID | WL46D | WL46D | WL46D | WL47D | WL47D | | | | |
|---|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA224 | AA225 | AA226 | AA159 | AA160 | | | | |
| Date Sampled | 1/20/99 | 1/20/99 | 1/20/99 | 1/11/99 | 1/11/99 | | | | |
| Depth | 257-257 | 267-267 | 277-277 | 105-105 | 115-115 | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) OCTAHYDRO-1,3,5,7-TETRANIT HEXAHYDRO-1,3,5-TRINITRO-1, 1,3,5-TRINITROBENZENE 1,3-DINITROBENZENE TETRYL NITROBENZENE 2,4,6-TRINITROTOLUENE 4-AMINO-2,6-DINITROTOLUENE 2-AMINO-4,6-DINITROTOLUENE 2,6-DINITROTOLUENE 2,4-DINITROTOLUENE PICRIC ACID 2-NITROTOLUENE 4-NITROTOLUENE 3-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,4-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANIT NITROGLYCERIN | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.29 | *8,+ | U | 0.25 U | U | *8,+ |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| | 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U |
| 0.95 | *8,+ | U | 0.25 U | U | U | 0.25 U | U | *8,+ | |
| 0.25 U | C | UJ | 0.25 U | UJ | C | 0.25 U | U | U | |
| 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | |
| 0.25 U | U | U | 0.25 U | U | U | 0.25 U | U | U | |
| 0.50 U | U | U | 0.50 U | U | U | 0.50 U | U | U | |
| 0.25 U | UJ | C | 0.25 U | UJ | C | 0.25 U | UJ | C | |
| 10.00 U | U | U | 10.00 U | U | U | 10.00 U | U | U | |
| 5.00 U | U | U | 190.00 | *8,+ | U | 5.00 U | U | U | |

Groundwater depths are measured in feet below the water table.

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| | | | | | | |
|-----------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| LOCID | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D |
| LAB_EPA_NO | AA161 | AA162 | AA163 | AA164 | AA165 | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | |
| Depth | 125-125 | 135-135 | 145-145 | 155-155 | 165-165 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL REV QUAL CODE |
| 8330N (UG/L) | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| TETRYL | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| NITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| PICRIC ACID | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 3-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | 0.50 U | U | 0.50 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | 10.00 U | U | 10.00 U | U |
| NITROGLYCERIN | 5.00 U | U | 5.00 U | U | 5.00 U | U |

OSES Technical Information Systems RGEN Ver. 2s

Groundwater depths are measured in feet below the water table.

VALIDATED MMR LABORATORY DATA

GROUP A, EXPLOSIVES RESULTS 1999

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| LOCID | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D |
|-----------------------------|----------------------|-------------|-------------|----------------------|-------------|-------------|
| LAB_EPA_NO | AA166 | AA167 | AA168 | AA169 | AA170 | |
| Date Sampled | 1/13/99 | 1/13/99 | 1/13/99 | 1/13/99 | 1/14/99 | |
| Depth | 175-175 | 185-185 | 195-195 | 205-205 | 215-215 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL |
| 8330N (UG/L) | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | U | 0.25 U | U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| TETRYL | 0.25 U | U | U | 0.25 U | U | U |
| NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U |
| 2-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | U | 10.00 U | U | U |
| NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U |

Groundwater depths are measured in feet below the water table.

VALIDATED MMR LABORATORY DATA GROUP A, EXPLOSIVES RESULTS 1999

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| LOCID | WL47D | WL52D | WL52D | WL52D | | | | |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| LAB EPA NO | AA171 | AA016 | AA019 | AA021 | | | | |
| Date Sampled | 1/14/99 | 1/8/99 | 1/11/99 | 1/12/99 | | | | |
| Depth | 225-225 | 170-175 | 200-205 | 220-225 | | | | |
| Method | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE |
| 8330N (UG/L) | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| TETRYL | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| NITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| PICRIC ACID | 0.25 U | U | 0.33 U | *8,+ | 0.25 U | U | 0.32 U | *8,+ |
| 2-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 3-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | 0.50 U | U | 0.50 U | U | 0.50 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | 10.00 U | U | 10.00 U | U | 10.00 U | U |
| NITROGLYCERIN | 5.00 U | U | 5.00 U | U | 5.00 U | U | 5.00 U | U |

Groundwater depths are measured in feet below the water table.

VALIDATED MMR LABORATORY DATA

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GROUP A, EXPLOSIVES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL52D | WL52D | | | | | | | |
|-------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA022 | AA023 | AA024 | AA025 | AA026 | | | | | | | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/13/99 | 1/14/99 | 1/20/99 | | | | | | | |
| Depth | 230-235 | 240-245 | 250-255 | 260-265 | 270-275 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) | | | | | | | | | | | | |
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Groundwater depths are measured in feet below the water table.

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GROUP A, EXPLOSIVES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL53D | WL53D | WL53D |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB EPA_NO | AA267 | AA027 | AA042 | AA043 | AA044 | |
| Date Sampled | 1/20/99 | 1/20/99 | 1/8/99 | 1/11/99 | 1/11/99 | |
| Depth | 270-275 | 280-285 | 130-135 | 140-145 | 150-155 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | U | 0.25 U | U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| TETRYL | 0.25 U | U | U | 0.25 U | U | U |
| NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U |
| 2-NITROTOLUENE | 0.25 U | UJ C | UJ C | 0.25 U | U | U |
| 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | U | 10.00 U | U | U |
| NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U |

Groundwater depths are measured in feet below the water table.

VALIDATED MMR LABORATORY DATA

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GROUP A, EXPLOSIVES RESULTS 1999

| LOCID | WL53D | WL53D | WL53D | WL53D | WL53D | WL53D |
|-----------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA045 | AA046 | AA047 | AA048 | AA049 | |
| Date Sampled | 1/11/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | |
| Depth | 160-165 | 170-175 | 180-185 | 190-195 | 200-205 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| 8330N (UG/L) | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | U | 0.25 U | U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | 0.25 U | U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | 0.51 | *8,+ | U |
| 1,3-DINITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| TETRYL | 0.25 U | U | U | 0.25 U | U | U |
| NITROBENZENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| PICRIC ACID | 0.25 U | U | U | 0.25 U | U | U |
| 2-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 4-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 3-NITROTOLUENE | 0.25 U | U | U | 0.25 U | U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | 0.50 U | U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | UJ C | 0.25 U | UJ C | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | U | 10.00 U | U | U |
| NITROGLYCERIN | 5.00 U | U | U | 5.00 U | U | U |

Groundwater depths are measured in feet below the water table.

VALIDATED MMR LABORATORY DATA

GROUP A, EXPLOSIVES RESULTS 1999

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| LOCID | WL53D | WL53D | WL53D | WL53D | WL53D | | | | | |
|-----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|
| LAB EPA_NO | AA050 | AA051 | AA052 | AA053 | AA054 | | | | | |
| Date Sampled | 1/13/99 | 1/13/99 | 1/14/99 | 1/14/99 | 1/19/99 | | | | | |
| Depth | 210-215 | 220-225 | 230-235 | 240-245 | 250-255 | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE | ANALYTICAL RESULT | LAB REV QUAL CODE |
| 8330N (UG/L) | | | | | | | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | 0.34 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 1,3-DINITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| TETRYL | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| NITROBENZENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,4-DINITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| PICRIC ACID | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 4-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 3-NITROTOLUENE | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U | 0.25 U | U |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | 0.50 U | U | 0.50 U | U | 0.50 U | U | 0.50 U | U |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C | 0.25 U | UJ C |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | 10.00 U | U | 10.00 U | U | 10.00 U | U | 10.00 U | U |
| NITROGLYCERIN | 5.00 U | U | 5.00 U | U | 5.00 U | U | 5.00 U | U | 5.00 U | U |

Groundwater depth values are measured in feet below the water table

| LOCID | WL53D | WL53D | WL53D | 90WT0019 |
|-----------------------------|-------------------|----------|----------|-----------|
| LAB_EPA_NO | AA055 | AA056 | AA057 | AA307 |
| Date Sampled | 1/19/99 | 1/19/99 | 1/20/99 | 1/20/99 |
| Depth | 250-255 | 260-265 | 270-275 | 94-104 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| 8330N (UG/L) | | | | |
| OCTAHYDRO-1,3,5,7-TETRANIT | 0.25 U | U | U | |
| HEXAHYDRO-1,3,5-TRINITRO-1, | 0.25 U | U | U | |
| 1,3,5-TRINITROBENZENE | 0.25 U | U | U | |
| 1,3-DINITROBENZENE | 0.25 U | U | U | |
| TETRYL | 0.25 U | U | U | |
| NITROBENZENE | 0.25 U | U | U | |
| 2,4,6-TRINITROTOLUENE | 0.25 U | U | U | |
| 4-AMINO-2,6-DINITROTOLUENE | 0.25 U | U | U | |
| 2-AMINO-4,6-DINITROTOLUENE | 0.25 U | U | U | |
| 2,6-DINITROTOLUENE | 0.25 U | U | U | |
| 2,4-DINITROTOLUENE | 0.25 U | U | U | |
| PICRIC ACID | 0.25 U | U | U | |
| 2-NITROTOLUENE | 0.25 U | U | U | |
| 4-NITROTOLUENE | 0.25 U | U | U | |
| 3-NITROTOLUENE | 0.25 U | U | U | |
| 2,6-DIAMINO-4-NITROTOLUENE | 0.50 U | U | U | |
| 2,4-DIAMINO-6-NITROTOLUENE | 0.25 U | UJ | UJ | |
| PENTAERYTHRITOL TETRANIT | 10.00 U | U | U | |
| NITROGLYCERIN | 5.00 U | U | U | |

Groundwater depths are measured in feet below the water table.

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GROUP B, VOLATILES RESULTS 1999

| LOCID | FIELDQC | FIELDQC | FIELDQC | FIELDQC | FIELDQC | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA134 | AA145 | AA146 | AA147 | AA148 | | | | | | | |
| Date Sampled | 1/8/99 | 1/8/99 | 1/8/99 | 1/11/99 | 1/12/99 | | | | | | | |
| Depth | 0-0 | 0-0 | 0-0 | 0-0 | 0-0 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 2-HEXANONE | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| ETHYLBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| XYLENES, TOTAL | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| STYRENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| BROMOFORM | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| VINYL ACETATE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| DIBROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA
GROUP B. VOLATILES RESULTS 1999

| LOCID | FIELDQC | | | | FIELDQC | | | | FIELDQC | | | | | | | | | | | | | | | | |
|---------------------------|-------------------|-------------------|----------|-----------|-------------------|----------|-------------------|-----------|-------------------|-----------|----------|-------------------|-------------------|----------|-----------|-----------|-------------------|----------|----------|-----------|-------------------|-------------------|----------|-----------|-----------|
| LAB_EPA_NO | AA155 | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | AA158 | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | AA191 | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | AA192 | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | FIELDQC | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| Date Sampled | 1/11/99 | | | | | 1/11/99 | | | | | 1/11/99 | | | | | 1/12/99 | | | | | 1/12/99 | | | | |
| Depth | 0-0 | | | | | 0-0 | | | | | 0-0 | | | | | 0-0 | | | | | 0-0 | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | |
| OC21V (UG/L) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| VINYL CHLORIDE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| BROMOMETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| CHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| 1,1-DICHLOROETHENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| ACETONE | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | |
| CARBON DISULFIDE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| METHYLENE CHLORIDE | 2.00 U | U | | | 2.00 U | U | | | 2.00 U | U | | | 2.00 U | U | | | 2.00 U | U | | | 2.00 U | U | | | |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| 1,1-DICHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | |
| BROMOCHLOROMETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| CHLOROFORM | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| CARBON TETRACHLORIDE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| BENZENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2-DICHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| BROMODICHLOROMETHANE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | 5.00 U | U | | | |
| TOLUENE | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | 1.00 U | U | | | |

Groundwater depth values are measured in feet below the water table

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Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

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| LOCID | FIELDQC | | | FIELDQC | | | FIELDQC | | |
|---------------------------|------------|---------|---------|---------|------------|------|---------|------|--|
| LAB_EPA_NO | AA200 | AA201 | AA202 | AA215 | AA248 | | | | |
| Date Sampled | 1/13/99 | 1/13/99 | 1/13/99 | 1/13/99 | 1/14/99 | | | | |
| Depth | 0-0 | 0-0 | 0-0 | 0-0 | 0-0 | | | | |
| Method | ANALYTICAL | LAB | REV | QUAL | ANALYTICAL | LAB | REV | QUAL | |
| Analyte | RESULT | QUAL | QUAL | CODE | RESULT | QUAL | QUAL | CODE | |
| OC21V (UG/L) Continued | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | | | 1.00 U | U | | | |
| 2-HEXANONE | 5.00 U | U | | | 5.00 U | U | | | |
| DIBROMOCHLOROMETHANE | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | | | 1.00 U | U | | | |
| CHLOROBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| ETHYLBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| XYLENES, TOTAL | 1.00 U | U | | | 1.00 U | U | | | |
| STYRENE | 1.00 U | U | | | 1.00 U | U | | | |
| BROMOFORM | 1.00 U | U | | | 1.00 U | U | | | |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | | | 1.00 U | U | | | |
| 1,3-DICHLOROBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| 1,4-DICHLOROBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2-DICHLOROBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | | | 1.00 U | U | | | |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | | | 1.00 U | U | | | |
| VINYL ACETATE | 1.00 U | U | | | 1.00 U | U | | | |
| DIBROMOMETHANE | 1.00 U | U | | | 1.00 U | U | | | |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | | | 1.00 U | U | | | |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

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GROUP B, VOLATILES RESULTS 1999

| LOCID | FIELDQC | | | | FIELDQC | | | | FIELDQC | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA256 | | | | AA258 | | | | AA285 | | | |
| Date Sampled | 1/14/99 | | | | 1/14/99 | | | | 1/15/99 | | | |
| Depth | 0-0 | | | | 0-0 | | | | 0-0 | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 2-HEXANONE | 5.00 U | U | | 5.00 U | U | | 5.00 U | U | | 5.00 U | U | |
| DIBROMOCHLOROMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| CHLOROENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| ETHYLBENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| XYLENES, TOTAL | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| STYRENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| BROMOFORM | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,3-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,4-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| VINYL ACETATE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| DIBROMOMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 2-CHLOROETHYL VINYL ETHIL | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | FIELDQC | FIELDQC | IDW | IDW | WL34M1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Date Sampled | 1/19/99 | 1/20/99 | 1/5/99 | 1/14/99 | 1/8/99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OC21V (UG/L) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

Tue May 11 08:05 1999
Page 10

GROUP B, VOLATILES RESULTS 1999

| LOCID | FIELDQC | FIELDQC | IDW | IDW | WL34M1 | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA300 | AA308 | AA068 | AA257 | AA001 | | | | |
| Date Sampled | 1/19/99 | 1/20/99 | 1/5/99 | 1/14/99 | 1/8/99 | | | | |
| Depth | 0-0 | 0-0 | 0-0 | 0-0 | 131-131 | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | U | 1.00 U | U* | U* | 2.00 | U | U |
| 2-HEXANONE | 5.00 U | U | U | 5.00 U | U* | U* | 5.00 U | U | U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| CHLOROBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| ETHYLBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| XYLENES, TOTAL | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| STYRENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| BROMOFORM | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| VINYL ACETATE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| DIBROMOMETHANE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | U | 1.00 U | U* | U* | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 |
|---------------------------|-------------------|---------------|---------------|-------------------|---------------|---------------|
| LAB_EPA_NO | AA002 | AA003 | AA004 | AA005 | AA006 | |
| Date Sampled | 1/8/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 |
| Depth | 141-141 | 151-151 | 156-156 | 161-161 | 166-166 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | | | | | | |
| CHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U |
| VINYL CHLORIDE | 1.00 U | U | U | 1.00 U | U | U |
| BROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U |
| 1,1-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U |
| ACETONE | 5.00 U | R | R | 6.00 | U | U |
| CARBON DISULFIDE | 1.00 U | U | U | 1.00 U | U | U |
| METHYLENE CHLORIDE | 2.00 U | U | U | 2.00 U | U | U |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U |
| 1,1-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | 1.00 U | U | U |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | 5.00 U | U | U |
| BROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROFORM | 1.00 U | U | U | 1.00 U | U | U |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U |
| CARBON TETRACHLORIDE | 1.00 U | U | U | 1.00 U | U | U |
| BENZENE | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | 1.00 U | U | U |
| BROMODICHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | 1.00 U | U | U |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | 5.00 U | U | U |
| TOLUENE | 1.00 U | U | U | 1.00 U | U | U |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 |
|-------------------------------|-------------------|---------------|-------------------|-------------------|---------------|
| LAB_EPA_NO | AA002 | AA003 | AA004 | AA005 | AA006 |
| Date Sampled | 1/8/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 |
| Depth | 141-141 | 151-151 | 156-156 | 161-161 | 166-166 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE |
| ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| TETRACHLOROETHYLENE(PCE) | 0.80 J | J | 1.00 U | U | 1.00 U |
| 2-HEXANONE | 5.00 U | U | 5.00 U | U | 5.00 U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | 1.00 U | U | 1.00 U |
| CHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| ETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| XYLENES, TOTAL | 1.00 U | U | 1.00 U | U | 1.00 U |
| STYRENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| BROMOFORM | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,3-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,4-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2,4-TRICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| VINYL ACETATE | 1.00 U | U | 1.00 U | U | 1.00 U |
| DIBROMOMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 2-CHLOROETHYL VINYL ETHER | 1.00 U | U | 1.00 U | U | 1.00 U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA007 | AA008 | AA009 | AA010 | AA011 | | | | | | | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | | | | | | | |
| Depth | 171-171 | 177-177 | 191-191 | 201-201 | 211-211 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | |
| CHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| VINYL CHLORIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| BROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,1-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| ACETONE | 5.00 | | | 6.00 | | | 5.00 U | U | U | 8.00 | J | R |
| CARBON DISULFIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| METHYLENE CHLORIDE | 2.00 U | U | U | 2.00 U | U | U | 2.00 U | U | U | 2.00 U | U | U |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,1-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| BROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROFORM | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CARBON TETRACHLORIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| BENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| BROMODICHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| TOLUENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL34M1 | WL34M1 | WL34M1 | WL34M1 | WL34M1 |
|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| LAB_EPA_NO | AA007 | AA008 | AA009 | AA010 | AA011 |
| Date Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 |
| Depth | 171-171 | 177-177 | 191-191 | 201-201 | 211-211 |
| Method Analyte | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT | ANALYTICAL RESULT |
| REV QUAL | LAB QUAL | REV QUAL | LAB QUAL | REV QUAL | LAB QUAL |
| QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE | QUAL CODE |
| OC21V (UG/L) Continued | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| TETRACHLOROETHYLENE(PCE) | 1.00 U | U | 1.00 U | U | 1.00 U |
| 2-HEXANONE | 5.00 U | U | 5.00 U | U | 5.00 U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMOETHANE (ETHYLE) | 1.00 U | U | 1.00 U | U | 1.00 U |
| CHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| ETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| XYLENES, TOTAL | 1.00 U | U | 1.00 U | U | 1.00 U |
| STYRENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| BROMOFORM | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,3-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,4-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2,4-TRICHLOROETHYLENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| VINYL ACETATE | 1.00 U | U | 1.00 U | U | 1.00 U |
| DIBROMOMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 2-CHLOROETHYL VINYL ETHER | 1.00 U | U | 1.00 U | U | 1.00 U |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

GROUP B, VOLATILES RESULTS 1999

| LOCID | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D | WL46D |
|---------------------------|-------------------|---------------|---------------|-----------|-------------------|---------------|---------------|-----------|-------------------|---------------|---------------|-----------|
| LAB_EPA_NO | AA220 | AA287 | AA222 | AA223 | AA224 | AA225 | AA226 | AA227 | AA228 | AA229 | AA230 | AA231 |
| Date Sampled | 1/19/99 | 1/19/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 | 1/20/99 |
| Depth | 217-217 | 217-217 | 237-237 | 247-247 | 257-257 | 267-267 | 277-277 | 287-287 | 297-297 | 307-307 | 317-317 | 327-327 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | |
| CHLOROMETHANE | 1.00 U | U | U | U | 1.00 U | UJ C | UJ C | C | 1.00 U | UJ C | UJ C | C |
| VINYL CHLORIDE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| BROMOMETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| CHLOROETHANE | 1.00 U | UJ C | UJ C | C | 1.00 U | U | U | U | 1.00 U | U | U | U |
| 1,1-DICHLOROETHENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| ACETONE | 8.00 | J | J | R | 7.00 | | | | 5.00 U | U | U | U |
| CARBON DISULFIDE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| METHYLENE CHLORIDE | 2.00 U | U | U | U | 2.00 U | U | U | U | 2.00 U | U | U | U |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| 1,1-DICHLOROETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | U | 5.00 U | U | U | U | 5.00 U | U | U | U |
| BROMOCHLOROMETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| CHLOROFORM | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| CARBON TETRACHLORIDE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| BENZENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| 1,2-DICHLOROETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| BROMODICHLOROMETHANE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | U | 5.00 U | U | U | U | 5.00 U | U | U | U |
| TOLUENE | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL46D | WL47D | WL47D | WL47D |
|----------------|-------------------|----------|----------|-------------------|
| LAB_EPA_NO | AA225 | AA159 | AA160 | AA161 |
| Date Sampled | 1/20/99 | 1/11/99 | 1/11/99 | 1/12/99 |
| Depth | 267-267 | 277-277 | 105-105 | 115-115 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT |
| OC21V (UG/L) | | | | |
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Groundwater depth values are measured in feet below the water table

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| LOCID | WL46D | WL46D | WL47D | WL47D | WL47D |
|-------------------------------|-------------------|----------|----------|-------------------|----------|
| LAB_EPA_NO | AA225 | AA226 | AA159 | AA160 | AA161 |
| Date Sampled | 1/20/99 | 1/20/99 | 1/11/99 | 1/11/99 | 1/12/99 |
| Depth | 267-267 | 277-277 | 105-105 | 115-115 | 125-125 |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL |
| | | | | | |
| OC21V (UG/L) Continued | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| TETRACHLOROETHYLENE(PCE) | 1.00 U | U | 1.00 U | U | 1.00 U |
| 2-HEXANONE | 5.00 U | U | 5.00 U | U | 5.00 U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | 1.00 U | U | 1.00 U |
| CHLOROBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| ETHYLBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| XYLENES, TOTAL | 1.00 U | U | 1.00 U | U | 1.00 U |
| STYRENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| BROMOFORM | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | 1.00 U | U | 1.00 U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | 1.00 U | U | 1.00 U |
| VINYL ACETATE | 1.00 U | U | 1.00 U | U | 1.00 U |
| DIBROMOMETHANE | 1.00 U | U | 1.00 U | U | 1.00 U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | UJ C | 1.00 U | UJ | 1.00 U |

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D |
|---------------------------|-------------------|---------------|---------------|-------------------|---------------|---------------|
| LAB_EPA_NO | AA162 | AA163 | AA164 | AA165 | AA166 | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | 1/13/99 | |
| Depth | 135-135 | 145-145 | 155-155 | 165-165 | 175-175 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | | | | | | |
| CHLOROMETHANE | 1.00 U | | U | 1.00 U | | U |
| VINYL CHLORIDE | 1.00 U | | U | 1.00 U | | U |
| BROMOMETHANE | 1.00 U | | U | 1.00 U | | U |
| CHLOROETHANE | 1.00 U | | U | 1.00 U | | U |
| 1,1-DICHLOROETHENE | 1.00 U | | U | 1.00 U | | U |
| ACETONE | 5.00 U | R | R | 5.00 U | R | R |
| CARBON DISULFIDE | 1.00 U | | U | 1.00 U | | U |
| METHYLENE CHLORIDE | 2.00 U | | U | 2.00 U | | U |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | | U | 1.00 U | | U |
| 1,1-DICHLOROETHANE | 1.00 U | | U | 1.00 U | | U |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | | U | 1.00 U | | U |
| METHYL ETHYL KETONE (2-BU | 5.00 U | | U | 5.00 U | | U |
| BROMOCHLOROMETHANE | 1.00 U | | U | 1.00 U | | U |
| CHLOROFORM | 0.90 J | J | J | 0.70 J | J | J |
| 1,1,1-TRICHLOROETHANE | 1.00 U | | U | 1.00 U | | U |
| CARBON TETRACHLORIDE | 1.00 U | | U | 1.00 U | | U |
| BENZENE | 1.00 U | | U | 1.00 U | | U |
| 1,2-DICHLOROETHANE | 1.00 U | | U | 1.00 U | | U |
| TRICHLOROETHYLENE (TCE) | 1.00 U | | U | 1.00 U | | U |
| 1,2-DICHLOROPROPANE | 1.00 U | | U | 1.00 U | | U |
| BROMODICHLOROMETHANE | 1.00 U | | U | 1.00 U | | U |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | | U | 1.00 U | | U |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | | U | 5.00 U | | U |
| TOLUENE | 1.00 U | | U | 1.00 U | | U |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | | U | 1.00 U | | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D |
|-------------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA162 | AA163 | AA164 | AA165 | AA166 | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | 1/13/99 | |
| Depth | 135-135 | 145-145 | 155-155 | 165-165 | 175-175 | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | | 1.00 U | U | |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | | 1.00 U | U | |
| 2-HEXANONE | 5.00 U | U | | 5.00 U | U | |
| DIBROMOCHLOROMETHANE | 1.00 U | U | | 1.00 U | U | |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | | 1.00 U | U | |
| CHLOROENZENE | 1.00 U | U | | 1.00 U | U | |
| ETHYLBENZENE | 1.00 U | U | | 1.00 U | U | |
| XYLENES, TOTAL | 1.00 U | U | | 1.00 U | U | |
| STYRENE | 1.00 U | U | | 1.00 U | U | |
| BROMOFORM | 1.00 U | U | | 1.00 U | U | |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | | 1.00 U | U | |
| 1,3-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | |
| 1,4-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | |
| 1,2-DICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | | 1.00 U | U | |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | | 1.00 U | U | |
| VINYL ACETATE | 1.00 U | U | | 1.00 U | U | |
| DIBROMOMETHANE | 1.00 U | U | | 1.00 U | U | |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | | 1.00 U | U | |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

GROUP B, VOLATILES RESULTS 1999

| LOCID | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D | WL47D |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA167 | AA168 | AA169 | AA170 | AA171 | | | | |
| Date Sampled | 1/13/99 | 1/13/99 | 1/13/99 | 1/14/99 | 1/14/99 | | | | |
| Depth | 185-185 | 195-195 | 205-205 | 215-215 | 225-225 | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | | | | | | | | | |
| CHLOROMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| VINYL CHLORIDE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| BROMOMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | UJ | C |
| CHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,1-DICHLOROETHENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| ACETONE | 5.00 U | R | R | 5.00 U | R | | 5.00 U | U | |
| CARBON DISULFIDE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| METHYLENE CHLORIDE | 2.00 U | U | | 2.00 U | U | | 2.00 U | U | |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,1-DICHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | | 5.00 U | U | | 5.00 U | U | |
| BROMOCHLOROMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| CHLOROFORM | 0.70 J | J | J | 0.80 J | J | | 1.00 U | U | |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| CARBON TETRACHLORIDE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| BENZENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2-DICHLOROETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| BROMODICHLOROMETHANE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | | 5.00 U | U | | 5.00 U | U | |
| TOLUENE | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | | 1.00 U | U | | 1.00 U | U | |

Groundwater depth values are measured in feet below the water table

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Ogden Environmental and Energy Services

VALIDATED MMR LABORATORY DATA

GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL52D | WL52D | | | | | | | |
|---------------------------|---------------------------|----------|----------|-----------|-------------------|----------|----------|-----------|-------------------|----------|----------|-----------|
| LAB_EPA_NO | AA016 | AA019 | AA020 | AA020DL | AA021 | | | | | | | |
| Date Sampled | 1/8/99 | 1/11/99 | 1/11/99 | 1/11/99 | 1/12/99 | | | | | | | |
| Depth | 170-175 | 200-205 | 210-215 | 210-215 | 220-225 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | CHLOROMETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | VINYL CHLORIDE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | BROMOMETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | CHLOROETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | 1,1-DICHLOROETHENE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | ACETONE | 5.00 U | R | R | | 5.00 U | U | | 13.00 | UD R | R | D |
| | CARBON DISULFIDE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | METHYLENE CHLORIDE | 2.00 U | U | U | | 2.00 U | U | | 5.00 | UD R | R | D |
| | TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | 1,1-DICHLOROETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | | 5.00 U | U | | 13.00 | UD R | R | D |
| | BROMOCHLOROMETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | CHLOROFORM | 0.60 J | J | J | | 0.50 J | J | | 3.00 | UD R | R | D |
| | 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | CARBON TETRACHLORIDE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | BENZENE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| | 1,2-DICHLOROETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D | |
| BROMODICHLOROMETHANE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | | 5.00 U | U | | 13.00 | UD R | R | D | |
| TOLUENE | 1.00 U | U | U | | 39.00 E | R | D | 51.00 D | | | | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | | 1.00 U | U | | 3.00 | UD R | R | D | |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL52D | WL52D | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA016 | AA019 | AA020 | AA020DL | AA021 | | | | | | | |
| Date Sampled | 1/8/99 | 1/11/99 | 1/11/99 | 1/11/99 | 1/12/99 | | | | | | | |
| Depth | 170-175 | 200-205 | 210-215 | 210-215 | 220-225 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 2-HEXANONE | 5.00 U | U | U | 5.00 U | U | U | 13.00 | UD R | 5.00 U | 5.00 U | U | U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 0.60 | JD R | 1.00 U | 1.00 U | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| CHLOROENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| ETHYLBENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| XYLENES, TOTAL | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| STYRENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| BROMOFORM | 1.00 U | U | U | 1.00 U | U | U | 0.60 | JD R | 1.00 U | 1.00 U | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| VINYL ACETATE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| DIBROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | U | 1.00 U | U | U | 3.00 | UD R | 1.00 U | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL52D | WL52D | | | | | | | |
|---------------------------|---------------------------|----------|----------|-----------|-------------------|----------|----------|-----------|-------------------|----------|----------|-----------|
| LAB_EPA_NO | AA022 | AA023 | AA024 | AA025 | AA026 | | | | | | | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/13/99 | 1/14/99 | 1/20/99 | | | | | | | |
| Depth | 230-235 | 240-245 | 250-255 | 260-265 | 270-275 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE | ANALYTICAL RESULT | LAB QUAL | REV QUAL | QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | CHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 0.50 J | J | C |
| | VINYL CHLORIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | BROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | CHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | 1,1-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | ACETONE | 5.00 U | R | R | 5.00 U | R | R | 5.00 U | U | 5.00 U | U | |
| | CARBON DISULFIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | METHYLENE CHLORIDE | 2.00 U | U | U | 2.00 U | U | U | 2.00 U | U | 2.00 U | U | |
| | TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | 1,1-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | 5.00 U | U | |
| | BROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | CHLOROFORM | 0.60 J | J | J | 1.00 U | U | U | 1.00 U | J | 0.40 J | J | |
| | 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | CARBON TETRACHLORIDE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | BENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| | 1,2-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | | |
| BROMODICHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | 5.00 U | U | | |
| TOLUENE | 10.00 | | | 0.60 J | J | | 1.00 | | 13.00 | | | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | 1.00 U | U | | |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL52D | WL52D | WL52D | | | | | | | |
|---------------------------|-------------------|----------|----------|-------------------|----------|----------|-------------------|----------|----------|-------------------|----------|----------|
| LAB EPA_NO | AA022 | AA023 | AA024 | AA025 | AA026 | | | | | | | |
| Date Sampled | 1/12/99 | 1/12/99 | 1/13/99 | 1/14/99 | 1/20/99 | | | | | | | |
| Depth | 230-235 | 240-245 | 250-255 | 260-265 | 270-275 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL | ANALYTICAL RESULT | LAB QUAL | REV QUAL |
| OC21V (UG/L) Continued | | | | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| TETRACHLOROETHYLENE(PCE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 2-HEXANONE | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | 0.60 J | J | J | 1.00 U | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| CHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| ETHYLBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| XYLENES, TOTAL | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| STYRENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| BROMOFORM | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| VINYL ACETATE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| DIBROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | | | | | | | | | | | | C |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL53D | WL53D | WL53D | | | | | | | |
|---------------------------|---------------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA267 | AA027 | AA042 | AA043 | AA044 | | | | | | | |
| Date Sampled | 1/20/99 | 1/20/99 | 1/8/99 | 1/11/99 | 1/11/99 | | | | | | | |
| Depth | 270-275 | 280-285 | 130-135 | 140-145 | 150-155 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | CHLOROMETHANE | 1.00 U | UJ | C | | | | | | | | |
| | VINYL CHLORIDE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | BROMOMETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | CHLOROETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | 1,1-DICHLOROETHENE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | ACETONE | 5.00 U | U | | | | | | | 5.00 U | U | U |
| | CARBON DISULFIDE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | METHYLENE CHLORIDE | 2.00 U | U | | | | | | | 2.00 U | U | U |
| | TRANS-1,2-DICHLOROETHENE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | 1,1-DICHLOROETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | METHYL ETHYL KETONE (2-BU | 5.00 U | U | | | | | | | 5.00 U | U | U |
| | BROMOCHLOROMETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | CHLOROFORM | 1.00 U | U | | | | | | | 1.00 U | U | J |
| | 1,1,1-TRICHLOROETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | CARBON TETRACHLORIDE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | BENZENE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | 1,2-DICHLOROETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | TRICHLOROETHYLENE (TCE) | 1.00 U | U | | | | | | | 1.00 U | U | U |
| | 1,2-DICHLOROPROPANE | 1.00 U | U | | | | | | | 1.00 U | U | U |
| BROMODICHLOROMETHANE | 1.00 U | U | | | | | | | 1.00 U | U | U | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | | | | | | | 1.00 U | U | U | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | | | | | | | 5.00 U | U | U | |
| TOLUENE | 17.00 | | | | | | | | 1.00 U | U | 1.00 | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | | | | | | | 1.00 U | U | U | |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL52D | WL52D | WL53D | WL53D | WL53D | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB EPA_NO | AA267 | AA027 | AA042 | AA043 | AA044 | | | | | | | |
| Date Sampled | 1/20/99 | 1/20/99 | 1/8/99 | 1/11/99 | 1/11/99 | | | | | | | |
| Depth | 270-275 | 280-285 | 130-135 | 140-145 | 150-155 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| TETRACHLOROETHYLENE(PCE) | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 2-HEXANONE | 5.00 U | U | | | | | 5.00 U | U | | 5.00 U | U | U |
| DIBROMOCHLOROMETHANE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| CHLOROBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| ETHYLBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| XYLENES, TOTAL | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| STYRENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| BROMOFORM | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,3-DICHLOROBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,4-DICHLOROBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,2-DICHLOROBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| VINYL ACETATE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| DIBROMOMETHANE | 1.00 U | U | | | | | 1.00 U | U | | 1.00 U | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 U | UJ C | | | | | 1.00 U | UJ C | | 1.00 U | U | U |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

GROUP B, VOLATILES RESULTS 1999

| LOCID | WL53D | WL53D | WL53D | WL53D | WL53D | WL53D | WL53D | | | | | | | | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA045 | AA046 | AA047 | AA048 | AA049 | | | | | | | | | | | | | |
| Date Sampled | 1/11/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | | | | | | | | | | | | | |
| Depth | 160-165 | 170-175 | 180-185 | 190-195 | 200-205 | | | | | | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | | | | | | | |
| CHLOROMETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| VINYL CHLORIDE | 1.00 U | U | | | | | | | | | | | | | | | | |
| BROMOMETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| CHLOROETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| 1,1-DICHLOROETHENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| ACETONE | 5.00 U | U | | | | | | | | | | | | | | | | |
| CARBON DISULFIDE | 1.00 U | U | | | | | | | | | | | | | | | | |
| METHYLENE CHLORIDE | 2.00 U | U | | | | | | | | | | | | | | | | |
| TRANS-1,2-DICHLOROETHENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| 1,1-DICHLOROETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| METHYL ETHYL KETONE (2-BU | 5.00 U | U | | | | | | | | | | | | | | | | |
| BROMOCHLOROMETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| CHLOROFORM | 0.80 J | J | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| CARBON TETRACHLORIDE | 1.00 U | U | | | | | | | | | | | | | | | | |
| BENZENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| 1,2-DICHLOROETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | | | | | | | | | | | | | | | | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| BROMODICHLOROMETHANE | 1.00 U | U | | | | | | | | | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | | | | | | | | | | | | | | | | |
| TOLUENE | 1.00 U | U | | | | | | | | | | | | | | | | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | | | | | | | | | | | | | | | | |

Groundwater depth values are measured in feet below the water table

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| LOCID | WL53D | WL53D | WL53D | WL53D | WL53D | | | | |
|---------------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| LAB_EPA_NO | AA045 | AA046 | AA047 | AA048 | AA049 | | | | |
| Date Sampled | 1/1/99 | 1/12/99 | 1/12/99 | 1/12/99 | 1/13/99 | | | | |
| Depth | 160-165 | 170-175 | 180-185 | 190-195 | 200-205 | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| TETRACHLOROETHYLENE(PCE) | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 2-HEXANONE | 5.00 | U | U | 5.00 | U | U | 5.00 | U | U |
| DIBROMOCHLOROMETHANE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,2-DIBROMOETHANE (ETHYLE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| CHLOROBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| ETHYLBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| XYLENES, TOTAL | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| STYRENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| BROMOFORM | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,1,2,2-TETRACHLOROETHANE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,3-DICHLOROBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,4-DICHLOROBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,2-DICHLOROBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,2-DIBROMO-3-CHLOROPROP | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 1,2,4-TRICHLOROBENZENE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| VINYL ACETATE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| DIBROMOMETHANE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |
| 2-CHLOROETHYL VINYL ETHE | 1.00 | U | U | 1.00 | U | U | 1.00 | U | U |

Groundwater depth values are measured in feet below the water table

VALIDATED MMR LABORATORY DATA

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL53D | WL53D | WL53D | WL53D | WL53D | | | | | | | |
|---------------------------|---------------------------|---------------------|---------------------|--------------|----------------------|---------------------|---------------------|--------------|----------------------|---------------------|---------------------|--------------|
| LAB_EPA_NO | AA050 | AA051 | AA052 | AA053 | AA054 | | | | | | | |
| Date Sampled | 1/13/99 | 1/13/99 | 1/14/99 | 1/14/99 | 1/19/99 | | | | | | | |
| Depth | 210-215 | 220-225 | 230-235 | 240-245 | 250-255 | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | QUAL CODE |
| OC21V (UG/L) | | | | | | | | | | | | |
| | CHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | VINYL CHLORIDE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | BROMOMETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | CHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | 1,1-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | ACETONE | 5.00 U | R | R | 5.00 U | U | U | U | 5.00 U | U | R | R |
| | CARBON DISULFIDE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | METHYLENE CHLORIDE | 2.00 U | U | U | 2.00 U | U | U | U | 2.00 U | U | U | U |
| | TRANS-1,2-DICHLOROETHENE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | 1,1-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | CIS-1,2-DICHLOROETHYLENE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | METHYL ETHYL KETONE (2-BU | 5.00 U | U | U | 5.00 U | U | U | U | 5.00 U | U | U | U |
| | BROMOCHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | CHLOROFORM | 1.00 | U | U | 1.00 | U | U | U | 0.70 J | J | J | J |
| | 1,1,1-TRICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | CARBON TETRACHLORIDE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | BENZENE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| | 1,2-DICHLOROETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U |
| TRICHLOROETHYLENE (TCE) | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U | |
| 1,2-DICHLOROPROPANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U | |
| BROMODICHLOROMETHANE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U | |
| CIS-1,3-DICHLOROPROPENE | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U | |
| METHYL ISOBUTYL KETONE (4 | 5.00 U | U | U | 5.00 U | U | U | U | 5.00 U | U | U | U | |
| TOLUENE | 1.00 U | U | U | 0.50 J | J | J | J | 0.50 J | J | J | J | |
| TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | 1.00 U | U | U | U | 1.00 U | U | U | U | |

Groundwater depth values are measured in feet below the water table

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Groundwater depth values are measured in feet below the water table

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GROUP B, VOLATILES RESULTS 1999

| LOCID | WL53D | WL53D | WL53D | Intentionally blank | | | Intentionally blank | | |
|--|-------------------|---------------|---------------|---------------------|---------------|---------------|---------------------|---------------|---------------|
| LAB_EPA_NO | AA266 | AA055 | AA057 | Intentionally blank | | | Intentionally blank | | |
| Date Sampled | 1/19/99 | 1/19/99 | 1/20/99 | | | | | | |
| Depth | 250-255 | 260-265 | 280-285 | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) CHLOROMETHANE VINYL CHLORIDE BROMOMETHANE CHLOROETHANE 1,1-DICHLOROETHENE ACETONE CARBON DISULFIDE METHYLENE CHLORIDE TRANS-1,2-DICHLOROETHENE 1,1-DICHLOROETHANE CIS-1,2-DICHLOROETHYLENE METHYL ETHYL KETONE (2-BU BROMOCHLOROMETHANE CHLOROFORM 1,1,1-TRICHLOROETHANE CARBON TETRACHLORIDE BENZENE 1,2-DICHLOROETHANE TRICHLOROETHYLENE (TCE) 1,2-DICHLOROPROPANE BROMODICHLOROMETHANE CIS-1,3-DICHLOROPROPENE METHYL ISOBUTYL KETONE (4 TOLUENE TRANS-1,3-DICHLOROPROPEN | 1.00 U | U | U | 1.00 U | U | UJ C | 1.00 U | UJ | C |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | UJ C | UJ C | 1.00 U | UJ | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 5.00 U | R | R | 5.00 U | R | U | 5.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 2.00 U | U | U | 2.00 U | U | U | 2.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 0.70 J | J | J | 0.70 J | J | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| | 5.00 U | U | U | 5.00 U | U | U | 5.00 U | U | U |
| | 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U |
| 1.00 U | U | U | 1.00 U | U | U | 1.00 U | U | U | |

Groundwater depth values are measured in feet below the water table

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| LOCID | WL53D | WL53D | WL53D | Intentionally blank | | | | Intentionally blank | | | | |
|------------------------|---------------------------|---------------|---------------|---------------------|---------------|---------------|-------------------|---------------------|---------------|-------------------|---------------|---------------|
| LAB_EPA_NO | AA266 | AA055 | AA057 | | | | | | | | | |
| Date Sampled | 1/19/99 | 1/19/99 | 1/20/99 | | | | | | | | | |
| Depth | 250-255 | 260-265 | 280-285 | | | | | | | | | |
| Method Analyte | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE | ANALYTICAL RESULT | LAB QUAL CODE | REV QUAL CODE |
| OC21V (UG/L) Continued | 1,1,2-TRICHLOROETHANE | 1.00 U | U | | | | | | | | | |
| | TETRACHLOROETHYLENE(PCE | 1.00 U | U | | | | | | | | | |
| | 2-HEXANONE | 5.00 U | U | | | | | | | | | |
| | DIBROMOCHLOROMETHANE | 1.00 U | U | | | | | | | | | |
| | 1,2-DIBROMOETHANE (ETHYLE | 1.00 U | U | | | | | | | | | |
| | CHLOROBENZENE | 1.00 U | U | | | | | | | | | |
| | ETHYLBENZENE | 1.00 U | U | | | | | | | | | |
| | XYLENES, TOTAL | 1.00 U | U | | | | | | | | | |
| | STYRENE | 1.00 U | U | | | | | | | | | |
| | BROMOFORM | 1.00 U | U | | | | | | | | | |
| | 1,1,2,2-TETRACHLOROETHANE | 1.00 U | U | | | | | | | | | |
| | 1,3-DICHLOROBENZENE | 1.00 U | U | | | | | | | | | |
| | 1,4-DICHLOROBENZENE | 1.00 U | U | | | | | | | | | |
| | 1,2-DICHLOROBENZENE | 1.00 U | U | | | | | | | | | |
| | 1,2-DIBROMO-3-CHLOROPROP | 1.00 U | U | | | | | | | | | |
| | 1,2,4-TRICHLOROBENZENE | 1.00 U | U | | | | | | | | | |
| | VINYL ACETATE | 1.00 U | U | | | | | | | | | |
| | DIBROMOMETHANE | 1.00 U | U | | | | | | | | | |
| | 2-CHLOROETHYL VINYL ETHE | 1.00 U | U | | | | | | | | | |

Groundwater depth values are measured in feet below the water table

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Bourne, MA 02532

For Reference

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